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## TRANSMITTAL FORM

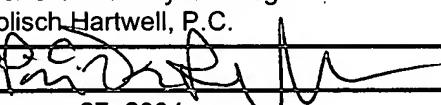
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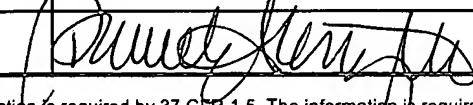
Attorney Docket Number

PAI 309C

ENCLOSURES (Check all that apply)			
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Group	
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences	
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)	
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information	
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter	
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): return receipt postcard	
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<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund		
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____		
<input type="checkbox"/> Response to Missing Parts/Incomplete Application		Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53			
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm or Individual name	Pierre C. Van Rysselberghe Kolisch Hartwell, P.C.		
Signature			
Date	January 27, 2004		

## CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Pamela A. Knight		
Signature		Date	January 27, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

January 27, 2004

PHILIP SAWYER, DAVID A. MORGAN and DAVID LEE

Serial No. : 10/645,832

Our File - PAI 309C

Filed : August 20, 2003

For : APPARATUS AND METHODS FOR DOUBLE  
ENDED PROCESSING

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir :

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.56, 1.97, and 1.98**

Applicants are submitting this Information Disclosure Statement pursuant to 37 C.F.R. §§ 1.56, 1.97, and 1.98 to disclose to the U.S. Patent and Trademark Office the patents, publications, applications, and/or other references listed on the enclosed, completed PTO-1449 form(s). The filing of this Information Disclosure Statement should not be construed as a representation that a search has been made or as an admission that the listed references are prior art for this application. Applicants respectfully request that the listed references be expressly considered during prosecution of the application, and that the references be made of record therein and appear among the "references cited" on any patents issuing therefrom.

## **CONTENT OF DISCLOSURE**

This Information Disclosure Statement includes (1) four (4) pages of PTO-1449 forms, and (2) a legible copy of each foreign and non-patent reference, if any, listed on the form(s). However, because this application was filed on or after July 1, 2003, no copies of U.S. patents or published U.S. patent applications are included.

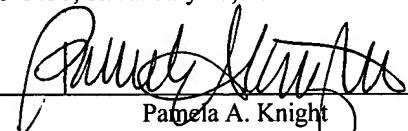
## **TIMING OF DISCLOSURE / FEE INFORMATION**

This Information Disclosure Statement is being filed, to the best of the undersigned's knowledge, either (1) before the mailing of a first Office action on the merits, or (2) before the mailing of a first Office action after the filing of a request for continued examination under 37 C.F.R. § 1.114. Therefore, in accordance with 37 C.F.R. § 1.97(b), no fee or statement under 37 C.F.R. § 1.97(e) is required.

Please contact the undersigned with any questions or comments regarding this Information Disclosure Statement.

### **CERTIFICATE OF MAILING**

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\_\_\_\_\_  
Pamela A. Knight  
Date of Signature: January 27, 2004

Respectfully submitted,

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SHEET 1 OF 4

FORM PTO-1449  INFORMATION DISCLOSURE CITATION IN AN APPLICATION		DOCKET NUMBER PAI 309C	APPLICATION NUMBER 10/645,832			
		APPLICANT(S) Philip Sawyer, et al.				
		FILING DATE August 20, 2003	GROUP ART UNIT			
<b>U.S. PATENT DOCUMENTS</b>						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	Re.35,663	11/18/97	Mori et al.			
	2,577,766	12/11/51	Johnson et al.			
	3,170,736	2/23/65	Wright			
	3,566,239	7/3/67	Taniguchi			
	3,584,284	9/12/69	Beach			
	3,814,153	6/4/74	Schmidt			
	3,854,889	12/17/74	Lemelson			
	4,221,974	9/9/80	Mueller et al.			
	4,260,001	4/7/81	De Muynck			
	4,358,166	11/9/82	Antoine			
	4,453,838	6/12/84	Loizeau			
<b>FOREIGN PATENT DOCUMENTS</b>						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES      NO
<b>OTHER DOCUMENTS</b>						
EXAMINER	DATE CONSIDERED					

SHEET 2 OF 4

FORM PTO-1449  INFORMATION DISCLOSURE CITATION IN AN APPLICATION		DOCKET NUMBER PAI 309C		APPLICATION NUMBER 10/645,832		
		APPLICANT(S) Philip Sawyer et al.				
		FILING DATE August 20, 2003		GROUP ART UNIT		
<b>U.S. PATENT DOCUMENTS</b>						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	4,472,783	9/18/84	Johnstone et al.			
	4,725,961	2/16/88	Pearl			
	4,874,996	10/17/89	Rosenthal			
	4,878,524	11/7/89	Rosenthal et al.			
	5,054,938	10/8/91	Ide			
	5,197,172	3/30/93	Takagi et al.			
	5,251,142	10/5/93	Cramer			
	5,266,878	11/30/93	Makino et al.			
	5,365,812	11/22/94	Harnden			
	5,418,729	5/23/95	Holmes et al.			
	5,444,635	8/22/95	Blaine et al.			
<b>FOREIGN PATENT DOCUMENTS</b>						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES      NO
<b>OTHER DOCUMENTS</b>						
EXAMINER			DATE CONSIDERED			



SHEET 3 OF 4

FORM PTO-1449  INFORMATION DISCLOSURE CITATION IN AN APPLICATION		DOCKET NUMBER PAI 309C		APPLICATION NUMBER 10/645,832			
		APPLICANT(S) Philip Sawyer et al.					
		FILING DATE August 20,2003		GROUP ART UNIT			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME		CLASS	SUB CLASS	FIL. DATE IF APPROP.
	5,472,028	12/5/95	Faulhaber				
	5,489,155	2/6/96	Ide				
	5,524,514	6/11/96	Hadaway et al.				
	5,664,888	9/9/97	Sabin				
	5,797,685	8/25/98	Jurik et al.				
	5,798,929	8/25/98	Stenzel et al.				
	5,829,892	11/3/98	Groves				
	5,865,080	2/2/99	Jackson				
	5,933,353	8/3/99	Abriam et al.				
	5,938,344	8/17/99	Sabin				
	5,953,232	9/14/99	Blaimschein				
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES      NO	
OTHER DOCUMENTS							
EXAMINER	DATE CONSIDERED						



SHEET 4 OF 4

FORM PTO-1449  INFORMATION DISCLOSURE CITATION IN AN APPLICATION		DOCKET NUMBER PAI 309C		APPLICATION NUMBER 10/645,832		
		APPLICANT(S) Philip Sawyer et al.				
		FILING DATE August 20, 2003		GROUP ART UNIT		
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	5,964,536	10/12/99	Kinoshita			
	6,144,895	11/7/00	Govindaraj et al.			
	6,263,773	7/24/01	McAdoo et al.			
	6,272,437	8/7/01	Woods et al.			
	6,379,048	4/30/02	Brissette			
	6,463,352	10/8/02	Tadokoro et al.			
	6,470,377	10/22/02	Sevcik et al.			
	6,510,361	1/21/03	Govindaraj et al.			
	6,520,228	2/18/03	Kennedy et al.			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES      NO
OTHER DOCUMENTS						
EXAMINER	DATE CONSIDERED					